



Law Offices  
**Jacobson Holman**  
Professional Limited Liability Company  
400 Seventh Street, N.W.  
Washington, D.C. 20004-2218

(202) 638-6666  
(202) 393-5350/51/52 (fax)  
www.jhip.com  
Firm e-mail: ip@jhip.com

December 9, 2003

## PATENT APPLICATION TRANSMITTAL

Mail Stop PATENT APPLICATION

Commissioner for Patents

PO Box 1450

Alexandria, VA 22313-1450

Name(s) of Inventor(s): Robert R. STEUER  
David A. BELL  
David R. MILLER  
Louis L. BARRETT

Title of the Invention: SENSOR FOR TRANSCUTANEOUS MEASUREMENT OF  
VASCULAR ACCESS BLOOD FLOW

This Application's Attorney Docket Number: P65684US1

**This is a Request under 37 CFR § 1.53(b) for filing:**

- ☐ an Original Patent Application (*not* a continuing application).  
☐ a Continuation Application of:  
☒ a Divisional Application of:  
☐ a Continuation-In-Part ("CIP") application of:

prior ("*parent*") application:

App. No. 09/750,076  
Filed on: December 29, 2000  
Entitled: SENSOR FOR TRANSCUTANEOUS MEASUREMENT OF VASCULAR ACCESS  
BLOOD FLOW

Prior application examiner: David McCrosky  
Prior application Group Art Unit: 3736

U.S. Patent Application Transmittal  
Page 2

☐

The parent application is a:

☐

continuation

☐

divisional

☐

continuation-in-part

of "***first grandparent***" application:

App. No. \_\_\_\_\_

Filed on: \_\_\_\_\_

Entitled: \_\_\_\_\_

☒

Enclosed are:

39 pages of text (including specification, claims, abstract)

7 claims

22 sheets of drawings

0 *computer-readable* copies of nucleotide and/or amino acid sequence listings

0 *paper* copies of nucleotide and/or amino acid sequence listings

0 statement verifying identity of computer-readable and paper sequence listings

0 computer program in microfiche appendix

☐

*For Continuations and Divisionals only:* This application is filed by fewer than all inventors named in the prior application. **DELETE THE FOLLOWING INVENTOR(S)** named in the prior application:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

☒

*For Continuations and Divisionals Only:* Enclosed is a true copy of the prior application as originally filed, including: specification (including claims), drawings, oath or declaration showing the signature or an indication it was signed, and amendments referred to in the oath or declaration filed to complete the prior application. None of the amendments referred to in the oath or declaration filed to complete the prior application introduced new matter. The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied, is considered as being part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference therein.

U.S. Patent Application Transmittal  
Page 3

**The Total Filing Fee is calculated as follows:**

- ☒ Applicant claims small entity status.
- ☒ Enter the enclosed Preliminary Amendment prior to calculating the filing fee.

(Col 1)		(Col 2)		SMALL ENTITY		NON-SMALL ENTITY		
	NUMBER OF CLAIMS PRESENTED		NUMBER OF EXTRA CLAIMS	RATE	FEE	OR	RATE	FEE
TOTAL	2	minus 20	0	x9=	\$ 0		x18=	\$ 0
INDEP	1	minus 3	0	x42=	\$ 0		x84=	\$ 0
BASE FILING FEE:				+385=	\$ 385		+770=	\$ 0
_ Multiple Dependent Claims				+140=	\$ 0		+280=	\$ 0
				TOTAL	\$ 385	OR	TOTAL	\$ 0

- ☒ Credit Card Payment Form including the above TOTAL filing fee is enclosed.
- ☐ Check number \_\_\_\_\_ including the above TOTAL filing fee is enclosed.
- ☐ An original executed Declaration is enclosed.
- ☐ This application is filed under Rule 53(f). **No** Declaration and **no** filing fee are enclosed. An executed Declaration will be submitted at a later date, with a check for the above filing fee and a surcharge under 37 CFR § 1.16(e). **Except for the filing fee**, the Commissioner is authorized **throughout the pendency of the application** to charge any fee deficiency under 37 CFR §§ 1.16 or 1.17, or credit any overpayment, to our Deposit Account No. 06-1358.
- ☒ *For Continuations and Divisionals only:* If extensions of time under 37 CFR § 1.136 other than those provided herewith are required to prevent abandonment of the parent application, then such extensions of time are hereby petitioned to allow co-pendency of the parent and the present continuing application. The Commissioner is hereby authorized to charge any fee deficiency under 37 CFR § 1.17, or credit any overpayment, to Deposit Account No. 06-1358.
- ☐ Assignment document(s) is/are submitted herewith, with check number xxx including the recordation fee of \$40.00 per Assignment.

U.S. Patent Application Transmittal  
Page 4

☐ Foreign priority is claimed under 35 U.S.C. § 119 from:

\_\_\_ Application No. \_\_\_ filed \_\_\_.  
\_\_\_ Application No. \_\_\_ filed \_\_\_.  
\_\_\_ Application No. \_\_\_ filed \_\_\_.

The certified priority paper(s):

☐ was/were filed in the parent case;  
☐ is/are enclosed herewith;  
☐ will be submitted at a later date.

☒ Also enclosed for appropriate processing are the following:  
Information Disclosure Statement

☒ The Commissioner is hereby authorized to charge any fee deficiency under 37 CFR §§ 1.16 and 1.17, or credit any overpayment, during the entire pendency of the application to Deposit Account No. 06-1358.

☒ Recognize the practitioners associated with **CUSTOMER NUMBER 00,136** and HARVEY B. JACOBSON, JR. (Reg. No. 20,851); JOHN CLARKE HOLMAN (Reg. No. 22,769); ALLEN S. MELSER (Reg. No. 27,215); MICHAEL R. SLOBASKY (Reg. No. 26,421); JONATHAN L. SCHERER (Reg. No. 29,851); IRWIN M. AISENBERG (Reg. No. 19,007); WILLIAM E. PLAYER (Reg. No. 31,409); MICHAEL G. VARGA (39,410); YOON S. HAM (Reg. No. 45,307); LINDA J. SHAPIRO (Reg. No. 28,264); SUZIN C. BAILEY (Reg. No. 40,495); MARVIN R. STERN (Reg. No. 20,640); and NATHANIEL A. HUMPHRIES (Reg. No. 22,772) as having **POWER OF ATTORNEY** to prosecute this application, to make alterations and amendments, and to transact all related business before the U.S. Patent and Trademark Office.

☒ Ensure that the **CORRESPONDENCE ADDRESS** is the address associated with **CUSTOMER NUMBER 00,136**.

☒ Ensure that the **FEE ADDRESS** is the address of **CUSTOMER NUMBER 00,136**.

Jacobson Holman PLLC

U.S. Patent Application Transmittal  
Page 5

Prompt processing of the enclosed is respectfully requested.

Respectfully submitted,

JACOBSON HOLMAN PLLC

Date: December 9, 2003

Customer No. 00,136  
400 Seventh Street, N.W.  
Washington, D.C. 20004  
(202) 638-6666

By: 

Linda J. Shapiro  
Registration No. 28,264